

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Wayne Barnhart <wayneb@on-ramp.ior.com>  
Subject: [498] 18AVQ  
Message-ID: <Pine.LNX.3.93.960705204847.8258B-100000@on-ramp.ior.com>

Really need the dementions - element spacing - for this trap vertical  
(Hygain 18AVQ) for the cw portions of the bands. Also, has anyone got the  
80m part to tune?

Thanks

Wayne WB7WHI  
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: "Phil, AC6LS" <ac6ls@amsat.org>  
Subject: [479] 5 way binding posts  
Message-ID: <31DD43A9.6E14@amsat.org>

I dont recall if the matter was ever brought to an end, but here go's..

>From the Illustrated Encyclopedic Dictionary of Electronics  
by John Douglas-Young (1981)

Binding Post- Panel-mounted terminal that may accept phone tip plug,  
spade lug, banana plug, alligator clip, or wire strand  
(head screws down to clamp wire in place).

Now I can get some sleep at night ;-)

72 de Phil

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: "T.J. Weigel" <tjweigel@wolf.co.net>  
Subject: [492] call changes  
Message-ID: <199607060436.XAA17058@wolf.co.net>

This is in reference to the message by Jim Eshleman which  
had an answer by Jim, N3VXI.

Jim, you said to E-mail you direct, but failed to give your E-mail address. Would appreciate a reply from you greatly.

Tom Weigel  
WB9LEF, formerly N DBQ  
QRP-L #439, 72 & Thanks in advance

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Steve Bornstein <saborns@freenet.columbus.oh.us>  
Subject: [486] Dan's Small Parts and Kits  
Message-ID: <Pine.3.07.9607051808.A11448-81000000@login>

Gang,

Could someone supply me with the address and fax number for Dan's Small Parts and kits?

73, Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: cjsterl@ix.netcom.com (Craig J. Sterling)  
Subject: [476] DX ALERT!  
Message-ID: <199607051340.GAA23963@dfw-ix6.ix.netcom.com>

Hello All,

9K2MU has been showing up on 10.101 at approx. 2230Z. He comes up on freq. calling CQ very fast, 50+ WPM (K5FO Speed). After several rounds he slows down and low and behold! KUWAIT! 589 signal here in DC. He either doesn't hear me or wants a bigger signal. Same scenario happens on 20M with 4X4TT ... unless your 579+, he just won't respond.

Also, keep an ear out for HB0/DL2S (Lichtenstein) same time. Some pretty interesting stuff has been showing up.

GL & GUD HUNTING,  
Craig, AA3MD

Craig Sterling (AA3MD) cjsterl@ix.netcom.com  
AA3MD TMPS 1996 Qs=140 States=35 Confirmed=08 DX=28 Knwd TS 850  
Windom @ 80

MA ME NH RI VT NJ NY MD PA AL FL GA KY NC SC TN AR LA MS OK TX CA AZ OR  
WY MI OH IL IN WI CO IA KS MN MO  
EW VE1-3 LZ G XE 9A HA VP9 DJ OZ EA1 EA8 OK I GM C6 HB SP YT ZL CY0 OM  
3B8 PJ2 CM F HC HB0

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [496] FS: MFJ-9040 RIG  
Message-ID: <31DE3E2E.267A@acsu.buffalo.edu>

Hi Gang,

I have for sale my still under warranty MFJ-9040. It is a 40M CW transciever. Covers the whole CW portion of 40M. Mine is set for 3.5w out but is adjustable from 1-5W. I had this rig at my family's cottage this weekend and in a few hours worked 17 stations including Bulgaria on a dipole!

This rig is in new condition and includes the MFJ CW Filter Option. Best new price I could find was \$177+shipping at R&L Electronics. Mine is being offered at \$130 including shipping.

I would consider a trade for an unbuild Wilderness Norcal 40A. I have grown fond of full QSK and need a rig that will do milliwatts.

Phone 716-741-4470 or email: msadams@acsu.buffalo.edu

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=111 WAS=27 Confirmed=05 DX=17  
HW-9 @ 3W, MFJ941C, 142' Sloping Delta Loop  
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF  
Worked all Canada= VE1 V01 VA2 VE2 VA3 VY2 VE6

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Curt Krelic <CKrelic@worldnet.att.net>  
Subject: [481] FS: ohr400  
Message-ID: <31DD48FF.28AD@worldnet.att.net>

FS: OHR400 with keyer and PC1 frequency counter, looks and operates as new. Bands 80 40 30 20 Price \$300 plus shipping.

73 Curt ka3ivb qrp-1 #433

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: JessQRP@aol.com  
Subject: [495] Hamcom 3.0 HB interface and it's use. Welcome back to RTTY (long)  
Message-ID: <960705230307\_350092540@emout13.mail.aol.com>

Well hi all,

I just took my first stint at HB in a long time. I built the RTTY interface that the Hamcom 3.0 instructions show ugly style on a piece of perf board and boy is it ugly!

It cost about 15 bux for the parts including a few extra that i did not need that I had in the junk box at home and did not know. Nothing unusual just a 741 op amp and a few diodes and resistors and caps. The keying circuit uses a 2n2222 transistor, so it was nothing that hard to build. This is my first sojourn away from kit building in a long time and does it show!

I got the receive part of the converter working and tried it out so far on RTTY and decoding a little AMTOR. It will even decode CW, but like most machine type or digital type CW decoders, it does not fair well. It does a pretty stand up job on RTTY and AMTOR though. The inout level has to be pretty high or loud, but it at least works!

The transmit side of the circuit was a little different story. There is a circuit to push the PTT line and another that brings AFSK tones from the serial port to the audio input. I got the thing all built and it did indeed key the transmitter when I told it to, but the transmitted signal was nothing but noise and garbage. Being the skilled electronic QRP technician that I am, I set about trouble shooting the circuit in a very thorough and logical approach. I set the board on the bench and poked and prodded all of the circuits, reheated the solder joints in a few places, dropped it on the floor 3 times, hooked it back up and viola! it worked!

I used to work quite a bit of RTTY and a little AMTOR a few years ago, but that was with a TS850 and a PK232 TNC and some high zute software. This Hamcom software is really pretty good, although the set up and operation of it is not quite as automatic as the PK232 was.

Where have all of the RTTY and AMTOR folks gone? I scanned across the digital portion of 20 meters after getting this little sucker built and could not find hardly any RTTY and no AMTOR at all!

Seems like every one is working Pactor or G-TOR these days. Guess I will have to try that one of these days. Today I got the perf board in a small project box and closed up. Fired up on 20 meters at 14085 with my mighty 5 watts and TS140 and started calling CQ. One thing that I miss about the TS850 (but not much else, too many knobs!) was the ability to monitor the outbound transmitted signal. With the TS140 I cannot, but pressed the OHR400 and the dummy load into service to monitor the transmit. WOW! This thing sounded good and clean! Got the mike gain set and the power set and started transmitting

CQ at 5 watts. I hear someone coming back but the receive adjustment of the software takes some getting used to. I fiddle a bit with the filter centering (all software) and finally start getting print. AC4?? Dick on West Palm FL. I am tickled! I had forgotten how much fun the digital modes can be (what's a mike?). He hangs in there while I fuss with the software and we finally have a bit of a QSO. He is running a tribander at 80 feet, so no wonder he can hear me, but hey a contact is a contact!

The Hamcom software is pretty nice and has some unique features. There is a tune screen that shows you how to center the audio and you can move the passband up and down in the filter. There is also a spectrum function of sorts that shows where the signal is audio wise and what it looks like and that helps to identify the type of signal. There is also a scope function that you can speed up and slow down to show what the sig looks like at the port and what it looks like after the software filter is done with it.

The converter is not as sensitive on decode as the PK232 was, but for a handful of parts it works well. I have to drive the input harder than I would like, but the RS DSP helps get rid of some of the junk.

All in all, a very worthwhile project. The program is shareware and you must register it after 30 days, but it is only 30 bucks. Like I said before, the converter attaches to the serial port and can be built for 15 dollars or less.

It got me back on RTTY and AMTOR after a few years absence and I am having a ball! Now all I need to do is get some more of you CW guys on RTTY to have QSO's with. Hey Chuck, how come I never hear any RTTY on 30 meters?

Anyone else out there had any experience with Hamcom 3.0 that can give me a few tips on how to make the converter work better or how to use the software right? The manual is good but does not give much in the way of op tips.

Anyone ever fooled with the AMTOR clock correction? I think I have it close, but the AMTOR decode in listen mode does not seem to be working real well yet.

Just thought you all might be interested in something different QRP wise as far as projects go....

Best  
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [487] Hamsticks vs Pro-am Whips  
Message-ID: <Pine.BSI.3.93.960705181204.26034B-100000@u1.abs.net>

Hi Peter,  
I believe that they are quite similar but actually different products.  
I have several Hamsticks and only one Pro-Am Whip. The Pro-Am is IMHO a better product. It has a collar arrangement where the whip connects

into the body of the main coil wound lower part of the shaft. This allows you to dis-assemble the whip and re-assemble the whip without loosing your adjustment settings. You only need to mark the top and bottom halves of the antennas to keep them sorted. With the Ham Sticks, you must either leave them assembled or contrive a means of keeping track of the upper/lower elements and make marks for the adjustments. Not quite so Handy? If you use Hamsticks, like I do, Then you can Purchase Small Round Metal Collars from your local Model Hobby Shop and place them on the upper elements (They have a setscrew) to mark the Resonance Adjustment point. You can also Paint them and The Matching Base with a Colour to match which can also indicate the Band. Just use Resistor Colour Code or what ever you like. CW markings?

GL es Hope this helps answer your question.  
I cc this to QRP-L since there might be others wondering also.  
Mike & Ron, Maybe the "Collars on the Whips" can be used in the Idea Exchange next time?

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [488] Heath HW-8 FS/Trade  
Message-ID: <Pine.GS0.3.93.960705200340.14209A-1000000@destrier.acsu.buffalo.edu>

Hello,  
I have a Heathkit HW8 with manual. It is in perfect condition.  
I got it in a trade. It looks like it was factory wired. Neat work on the wiring and assembly. No modifications. Looks like it was only used on Sundays :-). Looking for a good home.  
For the newbies.. it is a cw transceiver that covers the first 250Khz of the 80,40,20,15 meter bands. It is VFO controlled. It has an audio filter. adjustable cw sidetone and variable delay break-in cw.  
Yes this one has all the knobs and buttons :-)

I would consider a Wilderness radio Norcal 40A/ KC1 in like condition.  
Will discuss the details. Sorry, no MFJ radios.

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Dave.Ackrill@WESTWOOD45.powergen.co.uk  
Subject: [471] LF Licenses Issued  
Message-ID: <960705073514Z\*/G=Dave/S=Ackrill/O=WESTWOOD45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB/@MHS>

The Notices of Variation (NoV) to operate on the band 71.6 to 74.4kHz are now beginning to arrive at the addresses of the UK Amateurs who requested permission to operate on this band.

Permitted modes of operation are;

Morse, Telephony, RTTY, Data, Facsimile and SSTV.

Max. Effective Radiated Power is 0dBW (1W) - Which, considering the likely efficiencies of most antennas at this frequency, may be less of a limiting factor than actually achieving 1W ERP.

I would be interested to hear from ANYONE who hears any of the UK Amateurs operating on this band, other useful information would include;

Date, Time (UTC), Callsign, Frequency, Type of Antenna used, Mode.

Also, type of receiver and antenna used to hear the station.

Any NoV holders reading this, I would also be interested in QSOs made (same info. as above, if possible please) and likely operating times. E.g., "Weekends only", "After 6pm weekdays" or "all the time" !!

Thanks very much.

de Dave Ackrill (G0DJA)  
EMail = dave.ackrill@powergen1.powergen.co.uk  
Packet = G0DJA@GB7NRY.#19.GBR.EU

Member - RSGB Propagation Studies Committee

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Dave.Ackrill@WESTWOOD45.powergen.co.uk  
Subject: [472] LF Tests  
Message-ID: <960705075013Z\*/G=Dave/S=Ackrill/O=WESTWOOD45/PRMD=POWERGEN/

ADMD=CWMAIL/C=GB/@MHS>

Peter (G4IZH) and myself (G0DJA) will be testing on the new 73kHz band tonight, Friday 5th July 1996, at about 09:00pm BST (20:00z).

Peter will be running about half a Watt and I hope to have a few milliwatts from a crystal oscillator running. Peter will be on 74kHz and I may be on 72kHz as these are the frequencies of the crystals that we have.

Please listen out for us, or pass this information to anyone that you think may be interested in listening on 73kHz for these tests. I will be interested to hear from anyone who hears either Peter or myself. If you have a Notice of Variation (needed in the UK to be able to transmit on these frequencies) then please call us if you hear us.

NB: Notices of Variation (NoV) to operate between 71.6 and 74.4kHz have started to arrive at the QTH of those who have applied to be allowed to use the new LF band in the UK. The permits were dated as being valid from the 25th June 1996 and allow 0dBW ERP (1W), which of course does not mean only 1 watt RF from the transmitter, as the antennas are not likely to be very efficient. If you would like more information on the NoV or the new 73kHz band in the UK or the NoV please Email me at:-

dave.ackrill@powergen1.powergen.co.uk

Thank you - de Dave (G0DJA)

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: john andrews <jm165723@eee.org>  
Subject: [480] mail server down...  
Message-ID: <31DD4501.7985@eee.org>

Hi Gang:

My mail server was down for a while. Any posts for me must be resubmitted. Sorry.

Thanks es 72,

John- N5INZ



From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: cookes@pop.jaring.my (Siong Teck Cheun @ Joseph)  
Subject: [468] Mobile antenna  
Message-ID: <199607050553.NAA16261@jaring.my>

Hi fellow qrpers,

Someone mentioned on the list to be using a heavy magnetic mount for mobile antenna. I was using a heavy duty magnetic mount wqith a diamond mono band 40M whip and I was experiencing floating earth..and SWR go crazy! Later I had it mounted on my boot mount with a coax sleeve soldered from the earth side to the car chasis. Ever since I have no problem any more.

72/73

SIONG 9M8ST

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*****
*      SIONG 9M8ST/V85ST          /-/-/ ~  ||\          *
*      G-QRP 7986                /^\ |/^\  /_l_\         *
*  e-mail cookes@pop.jaring.my    |      //^^\ \         *
*  snail mail address :          _^^/^\_/_|%@|_/_\         *
*      171D Cookes Drive                                     *
*      93150 Kuching Sarawak                                     *
*      MALAYSIA                                                 *
*                                                                 *
*      # For more information about SARAWAK check in #         *
*                                                                 *
*      http://www.sarawak.gov.my/stb                             *
*                                                                 *
*****
```

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: WJ4PRandy@aol.com  
Subject: [493] my \*new\* pwr/swr meter  
Message-ID: <960705224428\_149737485@emout13.mail.aol.com>

The other day, a guy I haven't seen hide nor hair of in over 10 years calls me at work and asks me if I would help him "tune up" his mag mount CB antenna. He bought a new van and was getting ready to drive to Maine (from SC)

and wanted to have the CB going in case he had trouble. (I figured a CB would bring you trouble!!) Oh yes, the \*last\* time I saw this guy he wanted help with his CB. (How did he find me?? aarrrgggghhh!) Anyway, figuring I was stuck, I tried to tell him that these days those antenna's are pretty forgiving and he probably didnt have anything to worry about. He comes back with a story about how one time his antenna (antoona?) was messed up and he blew out a "crystal" and it cost him a lot to get it fixed. He wasnt taking "no" for an answer! So, I tell him, come by the office tomorrow afternoon and I will look at it for him. I guess I was hoping the "Second Coming" would occur and I'd get out of this... No deal. Tomorrow comes and I'm looking at the equipment at my disposal and realize I probably don't want to get my WM-1 polluted with 27MHz energy so I dug out my "Lafayette Electronics Model 99-25371 SWR and Field Strength Meter " purchased by me in my teens back when Radio Shack was "Allied" and Lafayette was giving them a run for their money. You know this meter - vertically aligned with an antenna jack at the top and a transmitter jack at the bottom. ( And don't forget the liittle hole for the field strength antenna!) This baby cost me a kings ransom, relatively speaking. Something like \$15 dollars. And hey! It STILL works! But, you know there have been advances in this bridge technology stuff. I know there is because I found FAR's version of the W1FB SWR bridge at Dayton. (CQ mag, June 1994, pg 112) Looks very similar to the innards of the WM-1 w/o the IC.

Anyway, I got that look in my eyes...and for two days I planned on how I was going to remove the "stripline" bridge doodad and replace it with toroids...Well, gang, its done. I RE-WIRED IT!! aaaaaaaaaaaaaa aaaaaaa aaaaaaaarfff!! And you can do it too. If you don't mind re-wiring a museum piece. Some hints... the germanium diodes you need are already inside. The sensitivity control is a 10K pot and it worked fine even though the project calls for a 25K. It was super easy using two soldering irons to get the strip line thingy out. The meter is a 100uA movement - just what the project called for. In short, its all there packaging - wise. All you got to do is span the antenna and xmtr jacks with a piece of rg58 (with your toriod on it) and mount the other toriod on a "U" shaped piece of rg58 for mounting. One more hint. All the parts are wired in a "point to point" (flying connection/blob) near the xmtr jack. I used both of the supplied terminal strips right there at the jack.

The Happy ending... I now have a small, rugged, SWR/Pwr meter for the road! Frequency response test showed "flat" from 1.8MHz to 29MHz. Balance needs a very minor tweak. I will calibrate the meter to show pwr readout over the next few days.

No need to hurry this too much... I'm having too much fun!! arrrrr!  
Next time you see one those old "CB" meters at the flea mkt give  
a few bucks and have some fun modifying one. 10-4?

73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: WJ4PRandy@aol.com  
Subject: [494] My \*new\* swr meter/addendum  
Message-ID: <960705225353\_149741345@emout12.mail.aol.com>

Sorry I overlooked one thing...

It will "do" full scale with about 1/2 a watt.

Randy WJ4P

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: mjsilva@ix.netcom.com (michael silva)  
Subject: [482] Overwhelmed (was Re: Dan's Small Parts & Kits)  
Message-ID: <199607051802.LAA00692@dfw-ix12.ix.netcom.com>

My offer of two extra flyers from Dan's has produced at least two dozen  
replies. Needless to say, the flyers are gone, but for all the rest of  
you who wrote, I've decided to put all your names on a list and mail it  
off to Dan (and tell him to get on the 'net!). So, depending on how  
quick he is you should all get a flyer in a week or two. BTW, his  
address is

Dan's Small Parts and Kits  
BOX 3634  
Missoula, Montana 59806-3634  
406-258-2782

73,  
Mike, KK6GM

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)  
Subject: [483] QRP+/RTTY/20M/KAM/SUCCESS  
Message-ID: <199607051805.OAA112197@nss2.CC.Lehigh.EDU>

Hello Gang, Thank you to all who answered me plea for help here,  
on getting the QRP+/KAM-TNC-HOSTMASTER software, on 20 meters.

I did find the FSKINV in the manual on page 19, and it does indeed  
invert the transmitt signal. I tried it out this moring and chatted with  
"The Story Man", W9CRC from Kokomo IN. What a great ole man, he's 90 years  
old and has been on RTTY since 1950 and has been a ham since 1925.

I should have looked more closely at the manual, when all eles fails,  
right?

So now, "I have arrived in the digital modes", so where are all the other  
guys that do rtty?

Surely there must be some one in the 80m range of this station that is  
willing to give it a go? I called cq for an hour yesterday,yes I know it  
was the 4th of July, and got no takers.

I will call cq on 3.595.0 most nights @ 18:00 local, EDST ,22:00 UTC.  
45 BAUD/170 SHIFT.For a half hour, I will monitor that freq. every time I  
come into the shack.

80 meters is quite as a church mouse,after the thunder storms of the  
previous night that is. See you there.

73 de AA1IK

Ernie

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Mike Boice <MBoice@ix.netcom.com>  
Subject: [484] Roy Gregson kits  
Message-ID: <1.5.4.32.19960705185123.0066f6f8@popd.netcruiser>

Please pardon my earlier posting - I did in fact mean 30 meters/10 mHz, not  
10 meters.

Roy emailed me today and informed me that yes, he does make 30 meter rigs,  
and is working on a 17 meter unit as well. No 10 meter rigs.

(And I even proofread my letter this time).

73,  
mike KD0FX  
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: DAVEAF5U@aol.com  
Subject: [467] scQRPion Meeting  
Message-ID: <960705014829\_349296525@emout14.mail.aol.com>

The scQRPions meet the 1st Saturday of each month in Phoenix, Arizona. Our meetings are held at Luby's Cafeteria in front of the Ham Radio Outlet store. Visitors are always welcome. Please bring something home brew and/or a short story about QRP. After the meeting, you have the option to stay and eat with the group.

LOCATION: Luby's Cafeteria, 1933 W. Dunlap Ave., Phoenix, AZ

TIME: 10:30 AM - on 1st Saturday of the month (July 6, 1996)

David Little, AF5U 10125 E. Becker Lane, Scottsdale, AZ 85260 (602) 661-1187

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Luke Enriquez <ecsclfe@lux.latrobe.edu.au>  
Subject: [491] RE : Antennas and Tuners..Discussion of Your Replies.  
Message-ID: <9607060215.AA15208@lux.latrobe.edu.au>

Howdy,

Comments Regarding Tuners :

Thanks for all those who replied to my query about the MFJ-941C antenna tuner. I know have the device in front of me. I have on further question. I've been giving a loan of a 100W dummy load. So far, I've learn how to tune the Uniden 20-20 up. Select Band, Adjust Preselector for max noise, add a little carrier, adjust plate for dip, adjust load for dip, adjust preselector for max, add a bit more carrier, readjust, etc. But all this is with the dummy load!

Let say I connect a 100 ft long wire to the tuner and the tuner to the Uniden. What impedance will the Uniden see. Will the tuner give a 50 Ohms input, but its up to me to match the antenna by adjusting the tuner. All this tuning is getting me totally confused. (I've only known Solid State 2 meter equipment!).

I'm terribly frightened of damaging the tubes in the Uniden

by driving a mismatched impedance. I'm presuming that I will need to add some carrier to tune up the antenna. I suppose then, that I just add carrier until I can see a deflection on the meter on the tuner. What do I look for on the meter first? Maximum forward power or minimum reflected power. If sound confused then your right, I am!

Comments Regarding Antennas :

The antennas suggested were :

Ham Stick  
Dipole, Center Fed with 300 ohm {The tuner has a balun}  
Large Closed Loop fed with 300 ohm  
Long Wire over 1-2 Ground Radials (L Type Shape)  
Vertical Trap

Thanks for all your replies. I'm leaving for the snow Early Wednesday morning and coming back on Monday. We will probably need to use chains on the 4WD to get through to Moroka, although some recent rain has melted some of the snow. We will be taking the chains with us anyway.

Now if I could only get used to tuning up and rig and antenna, I might actually have the time left to call CQ! I'm taking the key with me, but I'm probably only good at about 8 words a minute. I passed at 10 wpm, but that was with lots of practice. I having practiced for a few months now!

I'm afraid with conditions the way they are, QRP contacts to America would be a rarity. I'll try anyway.

Regards,  
Luke

--

Luke Enriquez VK3TLE "I only cook with Non-violent  
3rd Year Electronic Engineering fruit that pulps itself."  
Latrobe University, Victoria, Australia.  
ecsclfe@lux.latrobe.edu.au

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From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: [475] Re: Call Change  
Message-ID: <96Jul5.093258-0400edt.65558-18193+107@hooch.CC.Lehigh.EDU>

> Gang...anybody know how to tell the list server that one  
> has changed their call, without having it go off and reissue another  
> qrp-l number? I'd like to know, and others who have recently  
> regained their old calls would probably appreciate the info  
> also.

Jim & Gang,

Let me know your old call/new call and I'll do the rest. I try to keep up with the postings to QRP-L, but it'd be best to e-mail me directly just in case...

73  
Jim N3VXI

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: mjsilva@ix.netcom.com (michael silva)  
Subject: [469] Re: Dan's Small Parts & Kits  
Message-ID: <199607050557.WAA14041@dfw-ix11.ix.netcom.com>

Speaking of Dan's, I also got his new multi-page flyer, then I got another, then another, all hand-addressed (I must've been a good customer). I hate to toss the extras out or just let them lie around, so if anybody wants one of my spares let me know and I'll stick it in the mail.

73,  
Mike, KK6GM

From owner-qrp-l@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>  
Subject: [485] Re: Dan's Small Parts & Kits  
Message-ID: <6039CE20C34@manage.paccd.cc.ca.us>

Just as an additional comment to WB2VU0's comment about Dan's Small Parts:

The 200 uA edge panel mounts in Dan's catalog are the same as those used in the NorCal St. Louis tuner. By the way St. Louis tuner kit #73 was finished over the Fourth of July. With that serial number it was criminal not to have it finished! Very nice meters at \$4.50 each and calibrated as a S-meter.

The 20pF capacitor with dual bearing is the same as the one in the Oak Hills OHR-400 and the dial pointer and hub is the same as used on the OHR-400 and Explorer II as well as the Wilderness Radio Sierra. Dan's Small Parts is a good source for project parts.

Dan's Small Parts & Kits  
Box 3634  
Missoula, MT 59806-3634  
Phone/Fax (406) 258-2782

Like Keith, WB2VUO, I have no financial connection with Dan's other than he is getting some more of my dollars for more goodies.

73, Harvey, N6MM

TMPS 96: QSOs=191, WAS=44, DXCC=030 OHR 400, dipole at 45 feet.  
States: HI AK OR WA NY CO SD CT WY CA KS LA OH GA PA MD AL NM FL OK  
AZ WI KY TX ID NV IL IN WV TN MI NE MN NC NJ UT VA MA MS ND MT SC  
NH MO  
States needed: VT RI ME DE AR and IA.  
DXCC: C2 JW KH6 JA KL7 A3 W 5W VE PJ2 T30 VK9N ZL FK8 OH OA VK FG LU  
C6A XE LA ZF 5N CO CY0 PY V7 HC V6  
DX missed: OM SP ZL8 9M2 OZ 6W 9H KP2 KP4 I FY P4 OY 9A OK ON HI 9M8  
6Y5 HK0 PZ 5R8 3B8 SM ZS ... grumble, I need a better antenna.

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
Subject: [473] Re: G5RV dipole  
Message-ID: <199607050754.JAA01302@hipocrates.med.up.pt>

Hi, Grover & Doris,

Thanks for your message. About your request,

>X-POP3-Rcpt: gonzaga@hipocrates  
>Date: Wed, 3 Jul 1996 14:43:19 GMT  
>X-Sender: SIXPENCE@postoffice.worldnet.att.net  
>To: gonzaga@med.up.pt  
>From: Grover <SIXPENCE@worldnet.att.net>  
>Subject: Re: G5RV dipole  
>  
>Roger: Would you kindly give me the specifications for your 1/2 size portable  
>G5RV?  
>



>  
> 72 y Paz ..Grover KQ4AL & Doris KE4CYE  
>QRP/QSLs WAS = 34 DX= XE VE  
>QRO/QSLs WAS = 49(-Hawaii) DXCC = 62 IOTA = 27  
><SIXPENCE@worldnet.att.net>  
>  
>  
>

I am sorry for the delay in answering, but I had to check locally - it has been done more than a couple of years ago. Indeed, all the dimensions are half of the full size G5RV, with some corrections according to the VF (velocity factor).

My portable G5RV has been done with heavy gauge insulated multistranded wire, each half had originally 25.5 feet (7.65 meters). I did not make any VF correction and, when last year the connection to the matching section has broken, I had to cut some 3 cm in each size to fix it, without any alteration in performance (it does need an ATU in any situation, after all).

My matching section was made with 450 ohm ladder line cannibalized from an old Drake dipole. Initial dimensions should be 17 feet (of open line), correcting according to VF should give 14.75 feet for 300 ohm TV line or 15.3 feet for 400 ohm ladder line (which I have done, that is, 4.59 meters).

The matching section is connected to the coax (any length) by a female PL socket. I did not use any balun, neither the recommended choke of a dozen of turns of the coaxial cable in a 5 to 6 inch form, after the matching section. I know there is some RF back to the shack, but I use low power and this is a precarious aerial for portable use.

I have always used it flat-top, and I have never tried to bend the dipole or to make an inverted V. As I have hanged it from 3 to 8 meters AGL, sometimes I had to bend the matching ladder and put the last 1 to 2 meters horizontally, about 1 meter over the ground, with (obviously) some loss of performance.

Last winter, during a brief stay on the Northeast Portuguese Mountains, while staying as a guest in a Monastery run by Polish Monks, I have hanged it between the roof of the main building and the stryke protector located on a water deposit (as I have mentioned by that time, the weather was superb, sometimes I like to take some risks, and I am a fan of Ben Franklin): the results were most rewarding (no strykes, many QSOs).

I hope the info is usefull, just build one and have fun.

Best 72/73 de Roger, CT1ETT

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: pcw12@ix.netcom.com (Phil Wheeler)  
Subject: [489] Re: Hamsticks vs Pro-am Whips  
Message-ID: <199607060119.SAA25160@dfw-ix8.ix.netcom.com>

You wrote:

>

>Hi Peter,

>I believe that they are quite Similar but Actually Different Products.

>I have several Hamsticks and only one Pro-Am Whip. The Pro-Am is IMHO

>a better product. It has a collar arrangement where the whip connects

>into the body of the main coil wound lower part of the shaft. This

allows

>you to dis-assemble the whip and re-assemble the whip without loosing

>your adjustment settings. You only need to mark the top and bottom

halfs

>of the antennas to keep them sorted. With the Ham Sticks, you must

either

>leave them assembled or contrive a means of keeping track of the

upper/

>lower elements and make marks for the adjustments. Not quite so Handy?

>If you use Hamsticks, like I do, Then you can Purchase Small Round

>Metal Collars from your local Model Hobby Shop and place them on the

>upper elements (They have a setscrew) to mark the Resonance Adjustment

>point. You can also Paint them and The Matching Base with a Colour to

>match which can also indicate the Band. Just use Resistor Colour Code

>or what ever you like. CW markings?

>GL es Hope this helps answer your question.

>I cc this to QRP-L since there might be others wondering also.

>Mike & Ron, Maybe the "Collars on the Whips" can be used in the Idea

>Exchange next time?

>

>QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

>

>

>

Agree, George...I am very happy with the Pro-Am whips. Even ran one under an overpass in Eureka, CA at 75 MPH. Knocked the magmount off my car, wo I pulled it over to the shoulder and remounted it; antenna bent but worked fine.

Then I ran my 20 m Pro-Am "hamstick" into my garage: Bent it a 90 deg 4 inches from the bottom. Got a bit flimsy on me but still worked; fixed it by running a piece of PVC down over it that JUST fits. VERY fine antennas. Most reports I get when mobile are in the general vein of "you're mobile?? Though you were base station with a beam."

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: pcw12@ix.netcom.com (Phil Wheeler)  
Subject: [490] Re: Heath HW-8 FS/Trade  
Message-ID: <199607060132.SAA16784@dfw-ix1.ix.netcom.com>

Sale option might be of interest, too. Suggest a price!

Phil ... W7UOX

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: DYARNES@aol.com  
Subject: [470] Re: mailbox empty: no QRPP  
Message-ID: <960705023512\_349317812@emout16.mail.aol.com>

In a message dated 96-07-04 04:22:10 EDT, ac6ls@amsat.org (Phil, AC6LS) writes:

<< Thats nothing, I live a stones throw away from Doug (KI6DS) and you will probably get yours before mine.. Yes, its true, I still have yet to get mine. It's the same old story every issue and when kits come my way...

I assume since you are "a stones throw away" you spend a lot of time over at Doug's house helping him put all this stuff together, packaging the kits, etc. That's why it's O.K for you to be impatient, right?

C'mon people! Quit posting all these wimpy, foot tapping messages, "Where's my QRPP", and "Where's my kit". Doug's already explained to you about the extra pages and the problem the printer had with that. Now the issue is in the mail (I think that is the case), so your QRPP is in the hands of the U.S. Postal Service. Have a happy 4th! Semper Fidelis. John Philip Sousa. E Pluribus Unum. Etc.

72, de David W7AQK

P.S. Unless I'm mistaken, the kits go out in the sequence the orders come in. That has certainly been my experience. Somebody who lives "close" to Doug ought to have a pretty darn low number. UPS from Doug's house to yours can't be more than a couple of days.

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: n5zgt@swcp.com (Brian Mileschosky)  
Subject: [478] Re: mailbox empty: no QRPp  
Message-ID: <199607051546.JAA04043@kitsune.swcp.com>

Hello Everybody,

I have not received my QRPp yet either, but I'm sure I know why. With such a big club, I'm sure Doug is mailing the QRPps out as Bulk Mail. That obviously takes a bit longer than regular mail. Patience!

I hope everybody had a safe and fun Fourth of July.

72,

Brian, N5ZGT

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Boy Scouts of America	Amateur Radio - N5ZGT
JASM -Troop 41	ARRL QRP: NorCal# 1700
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

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From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: jbartac@max.state.ia.us (jbartac)  
Subject: [477] Re: RTTY/QRP+/20METERS & UP  
Message-ID: <31DD3AB8.4E9E@max.state.ia.us>

Ernie AA1IK de Jerry KD0CA

Ernie I posted about 20 M RTTY on a QRP+ on Tue, 02 Jul 1996 at 15:36:40.

My AEA PK-232 will invert the transmit and the receive tones independently, so I can invert either or BOTH. The command is "TXR ON" for turning on the transmit-reverse, and "RXR ON" for the receive tones reverse.

I've nto tried my QRP+ on RTTY, but I do QRP RTTY with my Ten Tec Paragon with internal current limit pot turned down so it is a QRP rig now.

Best 72,

Jerry KD0CA

From owner-qrp-1@Lehigh.EDU Fri Jul 5 23:12:07 1996  
From: Gary Surrency <gsurrenc@ix.netcom.com>  
Subject: [497] Re: St.Louis Tuners  
Message-ID: <31DDDF04.25BC@ix.netcom.com>

Did I miss this, or has someone already asked this question?:

Are there going to be any more St.Louis Tuner kits in the future?  
I missed getting in on this when the first group was produced.  
Is Wilderness Radio or OHR or someone going to produce a kit similar to this in the near future?

Excuse me if this has already been asked. Just wondering. My soldering iron is having withdrawal symptoms. :-)

Oh yeah, thanks Chuck (K5F0) for the S&S Digital VFO review. I think I'm gonna get their new FC-II SMT freq. counter kit soon. It counts 50KHz to 230MHz. The same size as the DVFO, 5.25"x1.9"x1.0 (WxHxD), for \$79.95. Being 60% SMT should be an interesting project! Glad to see Dick and Kathy pioneering SMT stuff. Call 301 416-0661 for more info.

Standard Disclaimer applies: I wish I got a discount for all the gear I buy from them! Great quality.

Everyone ready for the Ft. Tuthill hamfest in Flagstaff at the end of this month, July 19,20,21?

Cheers,